

Recombinant Human CALCR Protein, Fc-tagged

Cat. No. CALCR-743H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human CALCR (NP_001733.1) (Met1-Ile153) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-153 a.a.
Predicted N Terminal	Ala 25
Form	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human CALCR consists 367 amino acids and predicts a molecular mass of 42.1 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [CALCR calcitonin receptor \[Homo sapiens \]](#)

Official Symbol [CALCR](#)

Synonyms CALCR; calcitonin receptor; CTR; CRT; CT-R; CTR1;

Gene ID [799](#)

mRNA Refseq [NM_001164737](#)

Protein Refseq [NP_001158209](#)

MIM [114131](#)

UniProt ID [P30988](#)

Chromosome Location 7q21.3

Pathway

Calcitonin-like ligand receptors, organism-specific biosystem; Class B/2 (Secretin family receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class B Secretin-like, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem;

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